

# METHOD FOR RAPID DATA TABLE INITIALIZATION

## Abstract

The present invention provides a fast learn algorithm for quickly providing data to a data table and a controller. Existing data is considered, such that information gathered from prior events is not arbitrarily overwritten. An error is determined for a first data cell based on current operating conditions and the occurrence of an event. Weighting factors are then applied to data cells removed from the first data cell, such that some or all of the data cells in the data table can be populated based on the data input into the first data cell.